



End of Result Set

Generate Collection Print

DIFFERENT ASPECTS OF THE PROBLEM

卷之三十一

Copyright © 2013, 2009 by Pearson Education, Inc.

TITLE: Selection and purification of substituted uridine using a chromatographic column with affinity tags, useful for studying the structure, synthesis, and function of proteins. No. of pages: 11. No. of tables: 1. No. of figures: 1. No. of tables: 1. No. of figures: 1.

14. *Journal of the American Statistical Association*, 1933, 28, 273-285.

BRUNSWICK LUMBER CO., INC. 1970-71 ANNUAL REPORT

PAPERS READ

PUB. NO.	PUB. DATE	LANGUAGE	PAGIN.	MAIN. IFC
DE 600012746 R	October 11, 2000	EN	111	CINCINNATI '94
WI 200019702 A1	February 14, 2001	EN	241	CINCINNATI '94
AU 200013611 A	March 6, 2001	EN	231-2	CINCINNATI '94
EP 11055618 A1	June 13, 2001	EN	231-3	CINCINNATI '94
US 20000616103 A1	May 23, 2000	EN	231-3	CINCINNATI '94
EP 11331176 A1	August 14, 2001	EN	231-3	CINCINNATI '94
CA 200006000685 W	July 23, 2000	EN	232-9	CINCINNATI '99
EP 11055609 A1	September 4, 2001	EN	233	CINCINNATI '94

ABSTRACTED FROM THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION

BASIC ABSTRACT:

NOVELTY: A method for detecting a classifying instance when the proportion of unlabelled data is fused to at least a sufficient affinity (tight) at least one of which is in the training domain of *Staphylococcus pectenophila*.

DETAILED DESCRIPTION A method of detecting and/or purifying substances selected from proteins, protein complexes, complexes of proteins or co-factors, subunits, cell components, cell organelles and cellular compartments.

As a consequence of tag exchange, we cannot distinguish one of the patients as the source of the infection. Thus, it is impossible to evaluate the effectiveness of the treatment. The hypothesis is that each patient is infected at least with a different affinity tags, one of which consists of one or more 14S proteins domains of SRP.

3. Detecting and/or purifying the polypeptides in subunit(s) by a combination of at least 2 affinity purification steps, each comprising retaining the polypeptides in subunit(s) via one affinity label or support material capable of selectively binding one of the subunit(s) and then eluting the polypeptides from subunit(s) via the support material, affording one or more subunit(s) of the polypeptides.

¹⁰ See, for example, the discussion of the 1992 Constitutional Convention in the *Constitutional Convention of 1992: The Final Report* (1993).

THE JOURNAL OF

c. determining activity purifying the complex by a combination of at least n different affinity purification steps each comprising binding the one or more subunits via one affinity tag to a support material capable of selectively binding one of the affinity tags and separating the complex from the support material after unbound substances have been removed;

2 fusion proteins comprising at least one polypeptide or subunit of a protein complex fused to at least 2 different affinity tags, where one of the affinity tags consists of at least one 15 amino acid long peptide sequence;

3. Machine held steady for a few minutes after the first 10 minutes.

4) a vector comprising a nucleic acid as in 3) under the control of sequences facilitating the expression of a fusion protein as in 2);

5 a vector comprising heterologous nucleic acid sequences in form of one or more cassettes each comprising at least 1 different affinity tags, one consisting of one or more IgG binding domains of *Staphylococcus aureus* protein A (SAP A), and at least one RU linker for the insertion of further nucleic acid;

6 a vector comprising heterologous nucleic acid sequences in form of 1 or more cassettes each comprising at least one of different affinity tags, one consisting of one or more IgG binding domains of SAPA, and at least one PN linker for the insertion of further nucleic acids;

Year	Population (in millions)	Population Growth (%)	Population Density (per square km)	Urbanization (%)	Major Cities
2010	1340	0.55	270	48	Delhi, Mumbai, Kolkata, Hyderabad, Bangalore
2012	1360	0.56	275	50	Delhi, Mumbai, Kolkata, Hyderabad, Bangalore
2014	1380	0.57	280	52	Delhi, Mumbai, Kolkata, Hyderabad, Bangalore
2016	1400	0.58	285	54	Delhi, Mumbai, Kolkata, Hyderabad, Bangalore
2018	1420	0.59	290	56	Delhi, Mumbai, Kolkata, Hyderabad, Bangalore
2020	1440	0.60	295	58	Delhi, Mumbai, Kolkata, Hyderabad, Bangalore
2022	1460	0.61	300	60	Delhi, Mumbai, Kolkata, Hyderabad, Bangalore
2024	1480	0.62	305	62	Delhi, Mumbai, Kolkata, Hyderabad, Bangalore
2026	1500	0.63	310	64	Delhi, Mumbai, Kolkata, Hyderabad, Bangalore
2028	1520	0.64	315	66	Delhi, Mumbai, Kolkata, Hyderabad, Bangalore
2030	1540	0.65	320	68	Delhi, Mumbai, Kolkata, Hyderabad, Bangalore

4. A reagent kit comprising a nucleic acid and 5 or a vector of 4, 5 or 6, for the expression of a fusion protein in a host cell, comprising each capable of specifying the binding site for a specific antibody.

USN. The reagents can be used for the detection and/or purification of substances capable of complexing with the fusion protein claimed. They can also be used for the detection and/or purification of cells and/or cell organelles expressing the fusion protein on their surface claimed. They can be used for studying the structure, activities or interactions with proteins or nucleic acids. The reagents not only facilitate efficient purification of proteins of interest but also allows flushing the and detecting components present in complexes with antibodies, precipitations of substances are dissociated or complexed with directly or indirectly, e.g. molecules such as linker mediators. This would allow selective flushing, for certain substances which may be present at places other than the site of interest.

RESPIRATORY FUNCTION IN THE ANIMAL
EQUINE AND BOVINE

in maintaining the expressive environment to express the preoccupation of students in a particular area of study, such as the arts, and the students' family and

After the adsorption of the organic solutes, the adsorbents were washed with acetone, and the amount of organic solutes adsorbed was calculated. The amount of organic solutes adsorbed was calculated by subtracting the amount of organic solutes adsorbed by the adsorbents with the amount of organic solutes adsorbed by the adsorbents with the support material.

INDEPENDENT CLAIMS are also included for the following:

1. a method for detecting and/or purifying nucleic acid and/or protein complexes comprising:

providing an expression environment containing one or more heterocellular nucleic acids encoding at least 2 subunits of a multi-subunit complex, each being fused to at least one of different affinity tags, one of which consists of one or more IgG binding domains of SPA.

b) maintaining the expression of one or more subunits in a native form as fusion proteins with the affinity tags, and to allow formation of a complex between the one or more subunits and possibly other components capable of complexing with the one or more subunits; and

c) detecting and/or purifying the complex by a combination of at least 2 different affinity purification steps each comprising binding the one or more subunits via one affinity tag to a support material, capable of selectively binding one of the affinity tags and separating the complex from the support material, after unbound substances have been removed;

2. fusion protein comprising at least one polypeptide or subunit of a protein complex fused to at least 2 different affinity tags, where one of the affinity tags consists of at least one IgG binding domain of SPA;

• **100% of the time** the **same** **value** is **calculated** **and** **displayed** **on** **the** **screen** **and** **printed** **on** **the** **paper**

4. a vector comprising a nucleic acid as in 3, under the control of sequences that are capable of expression in a host cell, and a marker.

15 a vector comprising heterologous nucleic acid sequences in form of one or more cassettes each comprising at least 3 different affinity tags, one consisting of one or more IgG binding domains of *Staphylococcus aureus* protein A (SAPa), and at least one IgG-binding tag, the vector being of the formula (12.15)

6. a vector containing one or more human IgG domains inserted in frame 1, or two cassettes each comprising at least one of different affinity tags, one consisting of one or more IgG binding domains of SARA, and at least one SW linker for the insertion of further IgG domains.

¹ See, for example, the discussion of the relationship between the two in the introduction to *Principles of the Law of the Sea* (1980) by the International Law Commission.

is a reagent salt comprising a nucleic acid at a molar ratio of 4.0:1.0:0.6 for the expression of a fusion protein of 3 and supplemental materials each capable of specifically inhibiting one of the fusions.

facilitate detection and purification of proteins of interest but also can function to aid detection and purification of proteins which are not polypeptides or subunits and are fused to a polypeptide chain, e.g., a fusion protein. In addition, such as linker material and linker length, and/or substitution, the certain substituted amino acid may be potential additions to the complex structure.

NOVELTY A method for detecting and purifying a subunit or protein complex fused to at least 2 different affinity tags, at least one of which is an IgG binding domain of Staphylococcal Protein A (SPA).

DETAILED DESCRIPTION A method for detecting and/or purifying a subunit or protein complex fused to at least 2 different affinity tags, at least one of which is an IgG binding domain of Staphylococcal Protein A (SPA).

a. providing an expression environment containing one or more heterologous nucleic acids encoding polypeptides and/or subunits of a subunit complex, the polypeptides or subunits being fused to at least 2 different affinity tags, one of which consists of one or more IgG binding domains of SPA;

b. maintaining the expression environment to express the polypeptides or subunits in a native form as fusion proteins with the affinity tags; and

c. detecting and/or purifying the polypeptide or subunits by a combination of at least 2 affinity purification steps, with 2 steps comprising the polypeptides or subunits via one affinity tag to a support material capable of selectively binding one of the affinity tags and separating the polypeptides or subunits from the support material after unbound substances have been removed.

INDEPENDENT CLAIMS are also included for the following:

1. a method for detecting and/or purifying a subunit and/or protein complexes comprising:

a. providing an expression environment containing one or more heterologous nucleic acids encoding at least 2 subunits of a subunit complex, each being fused to at least one of different affinity tags, one of which consists of one or more IgG binding domains of SPA;

b. maintaining the expression environment to facilitate expression of the one or more subunits in a native form as fusion proteins with the affinity tags, and to allow formation of a complex between the one or more subunits and possibly other components capable of complexing with the one or more subunits; and

c. detecting and/or purifying the complex by a combination of at least 2 different affinity purification steps each comprising binding the one or more subunits via one affinity tag to a support material capable of selectively binding one of the affinity tags and separating the complex from the support material, after unbound substances have been removed;

2. a fusion protein comprising at least one polypeptide or subunit of a subunit complex fused to at least 2 different affinity tags, where one of the affinity tags consists of at least one IgG binding domain of SPA;

3. a nucleic acid sequence for a fusion protein of 1;

4. a vector comprising a nucleic acid sequence under the control of a regulatory facilitating the expression of a fusion protein as in 1;

5. a vector comprising heterologous nucleic acid sequence in form of the construct described herein comprising at least 2 different affinity tags, one of which consists of one IgG binding domain of Staphylococcal Protein A (SPA) and at least one IgG binding domain of SPA, and a linker for the insertion of a fusion protein;

6. a vector comprising a nucleic acid sequence in form of the construct described herein comprising at least 2 different affinity tags, one of which consists of one IgG binding domain of Staphylococcal Protein A (SPA) and at least one IgG binding domain of SPA, and a linker for the insertion of a fusion protein;

the C-terminal domain of HAK and C-terminal of HAK fusion protein stated in the further numbered claims;

3. A cell containing a nucleic acid of one of the claims 1-4, 7 and

8, a reagent and a surprising combination of the reagent of claim 4, 7 or 8, for the detection and/or purification of a fusion protein of 1-8 and/or a fusion protein of 9-12, especially for the affinity tags;

10. The method can be used for the detection and/or purification of substances capable of complexing with the fusion protein claimed. They can also be used for the detection and/or purification of cells and/or cell organelles expressing the fusion protein in their surface claimed. They can be used for studying the structure, activities or interactions with proteins or nucleic acids. The methods not only facilitate efficient purification of proteins of interest but also allows fishing for and detecting components present in complexes with which the polypeptides or subunits are associated or complexed either directly or indirectly, e.g. molecules such as linker mediators. This would allow selective fishing, i.e. certain substances which may be potential drugs, even from complex mixtures.

NO DESCRIPTION

CHISEN DRAWING: Fig.1-3

DERWENT CLASS: C16

CPI CODES: C05 H09; C05 H10B2; C05 H10C; C05 H14; C05 H17C1;